

Amendments to the Claims

Please amend claims 3, 5, and 6 as indicated in the following Listing of Claims

Listing of Claims

- Claim 1. (Original) A method for treating a subject for an inflammatory condition which results from eosinophil accumulation which comprises generating an active immune response in the patient comprising autoantibodies to eotaxin and IL-5.
- Claim 2. (Original) A method of treating a subject for a condition which results from asthma, allergy or allergic disease comprising generating an immune response in the subject to eotaxin and IL-5.
- Claim 3. (Currently amended) An immunogenic composition comprising eotaxin or a peptide fragment thereof and IL-5 or a peptide fragment thereof coupled to an immunogenic ~~protein~~ carrier.
- Claim 4. (Original) An immunogenic composition comprising a T-cell epitope, an epitope derived from IL-5 and an epitope derived from eotaxin.
- Claim 5. (Currently amended) An immunogenic composition according to claim 3 for the treatment of asthma, allergy or allergic disease comprising eotaxin or a portion thereof and IL-5 or a portion thereof conjugated to an immunogenic protein carrier.
- Claim 6. (Currently amended) A method of producing the composition of claim 3; ~~4, or 5~~ which comprises ~~conjugating~~ coupling the eotaxin or a portion thereof and the IL-5 or a portion thereof to the immunogenic carrier.
- Claim 7. (Original) A method of treating a disorder involving an immunomodulatory pathway comprising multiple cytokines the method comprising actively immunizing a subject against two or more cytokines

in the pathway so as to elicit autoantibodies in the subject which can bind to and modulate the activities of the cytokines.

- Claim 8. (Original) The method of claim 7 wherein the pathway is the Th-2 pathway.
- Claim 9. (Original) The method of claim 8 wherein the subject is actively immunized against IL-5 and eotaxin.
- Claim 10. (Original) A method for treating a subject for a condition mediated by eotaxin, which comprises generating an active immune response in the subject to eotaxin and at least one cytokine selected from the group consisting of eotaxin-2, eotaxin-3, IL-4, IL-5, IL-9 or IL-13.
- Claim 11. (Original) The method of claim 10 wherein the condition mediated by eotaxin is asthma, allergy or allergic disease.
- Claim 12. (Original) The immunogenic composition of claim 5 comprising at least one peptide sequence selected from the peptide sequences set forth in SEQ ID NOs 1-38, 42-61 and 117-121 and 130-132 and at least one peptide sequence selected from the peptide sequences set forth in SEQ ID NOs 62-116 and 122-123.
- Claim 13. (Original) A method of ameliorating eosinophilia in a human subject which comprises downregulating eotaxin and concurrently down regulating a cytokine selected from the group consisting of eotaxin-2, eotaxin-3, IL-4, IL-5, IL-9, or IL-13.
- Claim 14. (Original) A multivalent immunogenic composition for actively immunizing a subject to treat a Th-2 immune disorder comprising an immunogenic carrier conjugated to a plurality of peptide epitopes derived from two or more Th-2 cytokines.

Claim 15. (Original) The composition of claim 14 wherein the Th-2 cytokines are selected from the group consisting of eotaxin-1, eotaxin-2, eotaxin-3, IL-4, IL-5, IL-9 or IL-13.